

PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 8, 2004

10/09/2004

CLAIMS AS FILED - PART I

|                                   |               | (Column 1)   | (Column 2)               |
|-----------------------------------|---------------|--------------|--------------------------|
| TOTAL CLAIMS                      |               |              |                          |
| FOR                               | NUMBER FILED  | NUMBER EXTRA |                          |
| TOTAL CHARGEABLE CLAIMS           | 15 minus 20 = |              |                          |
| INDEPENDENT CLAIMS                | 2 minus 3 =   |              |                          |
| MULTIPLE DEPENDENT CLAIM PRESENT. |               |              | <input type="checkbox"/> |

\* If the difference in column 1 is less than zero, enter "0" in column 2

| SMALL ENTITY TYPE | OTHER THAN OR SMALL ENTITY |
|-------------------|----------------------------|
|                   | 150.00                     |
| OR                | BASIC FEE 300.00           |
|                   | X\$25=                     |
| OR                | X\$50=                     |
|                   | X100=                      |
| OR                | X200=                      |
|                   | +180=                      |
| OR                | +360=                      |
| TOTAL             | OR TOTAL                   |

CLAIMS AS AMENDED - PART II

| AMENDMENT                                      | (Column 1)                       |       | (Column 2)                         | (Column 3)    |
|--|----------------------------------|-------|------------------------------------|---------------|
|  | CLAIMS REMAINING AFTER AMENDMENT |       | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total  | 16                               | Minus | 20                                 |               |
| Independent                                    | 3                                | Minus | 3                                  |               |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |                                  |       | <input type="checkbox"/>           |               |

| SMALL ENTITY     | OTHER THAN SMALL ENTITY |
|------------------|-------------------------|
|                  | ADDITIONAL FEE          |
| RATE             |                         |
| X\$25=           |                         |
| OR               | X\$50=                  |
| X100=            |                         |
| OR               | X200=                   |
| +180=            |                         |
| OR               | +360=                   |
| TOTAL ADDIT. FEE | OR TOTAL ADDIT. FEE     |

| AMENDMENT                                      | (Column 1)                       |       | (Column 2)                         | (Column 3)    |
|--|----------------------------------|-------|------------------------------------|---------------|
|  | CLAIMS REMAINING AFTER AMENDMENT |       | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total  | 15                               | Minus | 20                                 |               |
| Independent                                    | 3                                | Minus | 3                                  |               |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |                                  |       | <input type="checkbox"/>           |               |

| ADDITIONAL FEE   | ADDITIONAL FEE      |
|------------------|---------------------|
| RATE             |                     |
| X\$25=           |                     |
| OR               | X\$50=              |
| X100=            |                     |
| OR               | X200=               |
| +180=            |                     |
| OR               | +360=               |
| TOTAL ADDIT. FEE | OR TOTAL ADDIT. FEE |

| AMENDMENT                                      | (Column 1)                       |       | (Column 2)                         | (Column 3)    |
|--|----------------------------------|-------|------------------------------------|---------------|
|  | CLAIMS REMAINING AFTER AMENDMENT |       | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total  | 16                               | Minus | 20                                 |               |
| Independent                                    | 3                                | Minus | 3                                  |               |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |                                  |       | <input type="checkbox"/>           |               |

| ADDITIONAL FEE | ADDITIONAL FEE |
|----------------|----------------|
| RATE           |                |
| X\$25=         |                |
| OR             | X\$50=         |
| X100=          |                |
| OR             | X200=          |
| +180=          |                |
| OR             | +360=          |